

SB017: Hazardous Chemical Inventory Management

Responsibilities of Departmental Employees

An employee within the Department who is familiar with the operations of the Maintenance Area, Studio, and Workshop procedures is tasked with ensuring that the chemical inventory provided to Environmental Health and Safety (EHS) is both accurate and up-to-date. Please refer to the [UCF Policy 3-131 Hazardous Chemical Inventory Management](#)

Understanding Hazardous Substances

- All hazardous chemicals must be listed in the chemical inventory for each location. This includes chemicals that are corrosive, toxic, flammable, reproductive toxins, or otherwise hazardous and require a Safety Data Sheet (SDS) under OSHA regulations.
- Any Chemical with GHS Hazard Pictograms or an NFPA Rating of 2 or higher in any category must be included in the inventory. GHS pictograms are found on chemical containers, drums, cylinders, and Safety Data Sheets to help identify the hazard. NFPA information is sometimes available on SDSs.
- Each location is required to maintain its own spreadsheet.
- The Chemical Inventory spreadsheet can be found as a fillable form in the [UCF Policy 3-131 Hazardous Chemical Inventory Management](#)

HCS Pictograms and Hazards

Health Hazard  • Carcinogen • Mutagenicity • Reproductive Toxicity • Respiratory Sensitizer • Target Organ Toxicity • Aspiration Toxicity	Flame  • Flammables • Pyrophorics • Self-Heating • Emits Flammable Gas • Self-Reactives • Organic Peroxides • Desensitized Explosives	Exclamation Mark  • Irritant (skin and eye) • Skin Sensitizer • Acute Toxicity (harmful) • Narcotic Effects • Respiratory Tract Irritant • Hazard Not Otherwise Classified (non-mandatory) • Hazardous to Ozone Layer (non-mandatory)
Gas Cylinder  • Gases Under Pressure • Chemicals Under Pressure	Corrosion  • Skin Corrosion/Burns • Eye Damage • Corrosive to Metals	Exploding Bomb  • Explosives • Self-Reactives • Organic Peroxides
Flame Over Circle  • Oxidizers	Environment (non-mandatory)  • Aquatic Toxicity	Skull and Crossbones  • Acute Toxicity (fatal or toxic)

HAZARDOUS MATERIALS CLASSIFICATION

